

CURRICULUM VITAE

Ammar E. Mahmood, Ph.D.

DATE: 07/01/2024

CITIZENSHIP: USA

CONTACT INFORMATION

Address Program in Physical Therapy
Washington University School of Medicine in Saint Louis
Campus Box 8502
4444 Forest Park Ave., Suite 1101
St. Louis, MO 63108

Email ammarm@wustl.edu

Phone 314-286-1431

Fax 314-286-1410

PRESENT POSITION

2024 – Present Assistant Professor
Program in Physical Therapy
Washington University School of Medicine in Saint Louis
Saint Louis, MO

EDUCATION

2009 – 2012 A.S. Biology
Metropolitan Community College
Kansas City, MO

2013 – 2015 B.S. Biology
University of Missouri – Kansas City
Kansas City, MO

2017 – 2023 Ph.D. Pharmacological and Physiological Science
Saint Louis University School of Medicine
Saint Louis, MO
Mentor: Gina Yosten, Ph.D.

CERTIFICATES

2021 – 2024 Principles Certificate in University Teaching Skills
Saint Louis University
Saint Louis, MO

EMPLOYMENT AND ACADEMIC EXPERIENCE

- 2010 – 2017 Home Care Attendant
Blue Skies Home Care LLC
Kansas City, MO
- 2011 Tutor
Course: General Chemistry
Metropolitan Community College
Kansas City, MO
- 2015 Tutor
Course: Histology
University of Missouri – Kansas City
Kansas City, MO
- 2015 Tutor
Course: Laboratory in Histology and Cellular Ultrastructure
University of Missouri – Kansas City
Kansas City, MO
- 2019 – 2023 Lecturer and Section Director
Course: Drugs We Use and Abuse
Saint Louis University
Saint Louis, MO
- 2023 – 2024 Lecturer
Course: Special Topics in Basic Biomedical Sciences
Saint Louis University School of Medicine
Saint Louis, MO
- 2023 - 2024 Post Doctoral Fellow
Department of Pharmacology and Physiology
Saint Louis University School of Medicine
Saint Louis, MO
Mentor: Gina Yosten, PhD

SCIENTIFIC CONFERENCES

- 2019 – 2023 Graduate Student Association Symposium
Saint Louis University
Saint Louis, MO
- 2019 Experimental Biology
Orlando, FL
- 2022 Foundation of Prader Willi Research Symposium
Chicago, IL

- 2023 American Physiology Summit
Long Beach, CA
- 2023 Missouri Physiological Society Meeting
Saint Louis, MO
- 2024 American Physiology Summit
Long Beach, CA

HONORS, AWARDS, AND RECOGNITIONS

- 2009 – 2012 Dean's Honor Roll
Metropolitan Community College
Kansas City, MO
- 2011 Degree Completion Scholarship
Metropolitan Community College
Kansas City, MO
- 2012 Herschel M. Allen Scholarship
Metropolitan Community College
Kansas City, MO
- 2012 Degree Honors: Awarded with High Honors
Metropolitan Community College
Kansas City, MO
- 2012 Certificate for Highest Honors
Metropolitan Community College
Kansas City, MO
- 2013 – 2015 Dean's List
University of Missouri – Kansas City
Kansas City, MO
- 2013 – 2015 Chancellor Transfer Scholarship
University of Missouri – Kansas City
Kansas City, MO
- 2013 – 2015 Phi Theta Kappa Scholarship
University of Missouri – Kansas City
Kansas City, MO
- 2014 – 2015 SBS Excellence Scholarship
University of Missouri – Kansas City
Kansas City, MO

- 2015 Summa Cum Laude
University of Missouri – Kansas City
Kansas City, MO
- 2018 – 2019 NIH Training Grant
Department of Pharmacology and Physiology
Saint Louis University School of Medicine
Saint Louis, MO
- 2022 First Place in Poster Presentation
Faculty Retreat Event
Department of Pharmacology and Physiology
Saint Louis University School of Medicine
Saint Louis, MO
- 2023 Second Place in Poster Presentation
Graduate Student Association Symposium
Saint Louis University
Saint Louis, MO
- 2023 Henry Pickering Bowditch Abstract Recognition
American Physiology Summit
Long Beach, CA
- 2023 Research Recognition Award
Endocrinology and Metabolism Section
American Physiology Summit
Long Beach, CA
- 2023 First Place in Abstract Presentation Award
Missouri Physiological Society Meeting
Saint Louis, MO
- 2024 Abstract of Distinction
Endocrinology and Metabolism Section
American Physiology Summit
Long Beach, CA

PROFESSIONAL SERVICE CONTRIBUTIONS

- 2019 – 2020 Pharmacology and Physiology Department Representative
Graduate Student Association
Saint Louis University
Saint Louis, MO

- 2021 – 2022 Member of the Education Committee
Department of Pharmacology and Physiology
Saint Louis University School of Medicine
Saint Louis, MO
- 2023 Poster Presentation Judge
Institute for Translational Neuroscience Inaugural Research Symposium
Saint Louis University
Saint Louis, MO

PROFESSIONAL ORGANIZATION MEMBERSHIP

- 2019 – Present American Physiological Society
- 2023 – Present Missouri Physiological Society

HONOR SOCIETY MEMBERSHIP

- 2011 – 2012 Phi Theta Kappa Honor Society
- 2014 – 2017 Phi Kappa Phi Honor Society
- 2014 – Present Golden Key International Honor Society
- 2023 – Present Sigma Xi Scientific Research Honor Society

BIBLIOGRAPHY

Conference Abstracts:

1. **Mahmood, A.**, Stein, L., Tso, P., Samson, W. and Yosten, G. (2019), Identification of Apolipoprotein A-IV Receptor: a Possibility of an Orphan GPCR?. The FASEB Journal, 33: 752.7-752.7.
2. Grote, S., **Mahmood, A.**, Samson, W. and Yosten, G. (2020), A New Player in Glucose Counterregulation: the Glycemic Effects of Neuronostatin through GPR107 and Enhanced Glucagon Secretion. The FASEB Journal, 34: 1-1.
3. **Mahmood, A.**, Grote, S., Samson, W. and Yosten, G. (2020), Neuronostatin Induces C-FOS Response and Gluconeogenic Enzymes in HEPG2 Cells: A Potential Role of Neuronostatin in the Liver. The FASEB Journal, 34: 1-1.
4. **Mahmood, A.**, Hagen, L., Bocke, C., Kolar, G., Samson, W. and Yosten, G. (2022), Evaluation of GPR107 Expression and Metabolic Profiles in Liver Tissues of Magel2 Mutant Rats. Foundation of Prader Willi Research Symposium, Chicago, IL.

5. **Mahmood, A.**, Grote, S., Kolar, G. Samson, W., and Yosten, G. (2023), Neuronostatin Induces Gluconeogenic Enzyme Expression and Glucose Release in Hepatocytes. *Physiology*, 38: S1.
6. **Mahmood, A.**, Cortner, L., Rahimi, N., Samson, W, and Yosten, G. (2024), Is the Serpin-Enzyme Complex Receptor an Orphan G-Protein Coupled Receptor?. *Physiology*, 39: S1.